

Government Data Analytics Center Program Update

North Carolina Office of the State Controller David McCoy, State Controller Kay Meyer, Program Director



Government Data Analytics Center (GDAC)

AGENDA

- GDAC Overview Kay Meyer
- NC FACTS Fraud and Compliance Carol Burroughs, Project Manager
- GDAC Reporting and Analytics Wynona Cash, Risk Mitigation Analyst
- CJLEADS Danny Bell, Director CJLEADS
- GDAC Program Status and Budget Kay Meyer



What is Business Intelligence and the GDAC?

Business Intelligence

Business intelligence is a broad category of tools, applications and technologies that support gathering, analyzing, and accessing data to improve business decision making. Business intelligence may include data mining, query and reporting, analytical and statistical analysis, forecasting and relationship analysis.

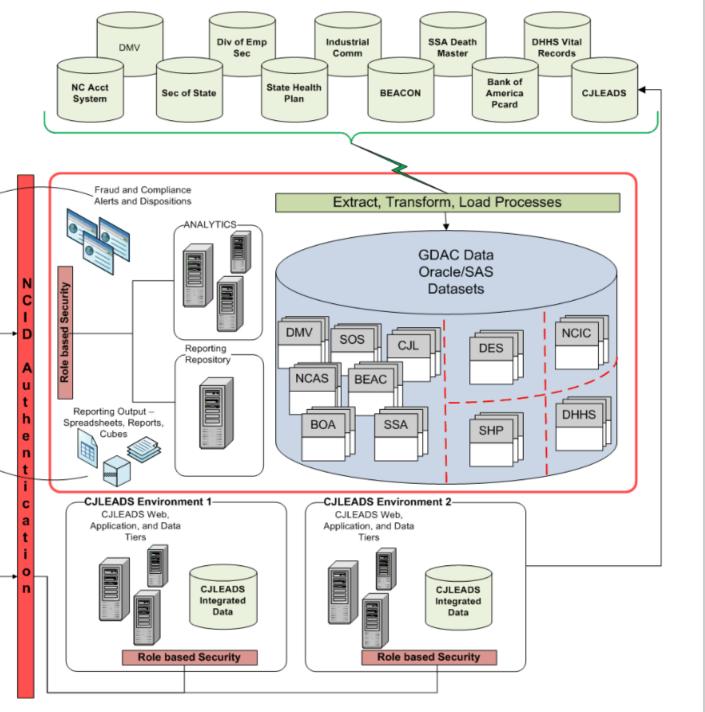
Government Data Analytics Center (GDAC)

The GDAC is an enterprise program to promote the use of North Carolina's data as an asset to support business decisions. The GDAC fosters interagency collaboration among and between the branches of governments and their sub-units to establish statewide BI standards, to improve data sharing, quality and consistency and facilitate the identification, development and support of BI solutions for the State.

Government Data Analytics Center (GDAC)

- Fraud and Compliance Alerts (NC FACTS)
- Reporting and Analytics (GDAC)
- Criminal Justice Data Integration (CJLEADS)

Government Data Analytics Center





NC FACTS

The North Carolina Financial Accountability and Compliance Technology System (NC FACTS) program develops analytic solutions to support fraud and compliance alerting as well as social network analysis.

Objectives

- To develop analytics to identify and prioritize alerts about potential fraud, waste or compliance issues
- To provide comprehensive information to support investigation and resolution of alerts
- To provide social network analysis to visually demonstrate relationships between key entities associated with a case

Status

- Pilot fraud project Division of Employment Security
 - Unemployment insurance employer tax compliance
 - · Unemployment fictitious employer analysis
 - Unemployment insurance benefit payment analysis
- Pilot compliance project NC Industrial Commission
 - Workers' Compensation Insurance Compliance
- State Health Plan provider, medical claims and pharmacy fraud
- Secretary of State corporation link analysis

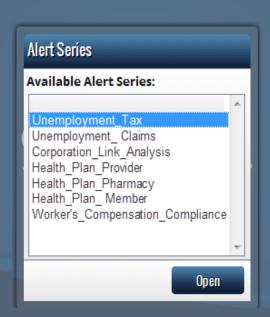


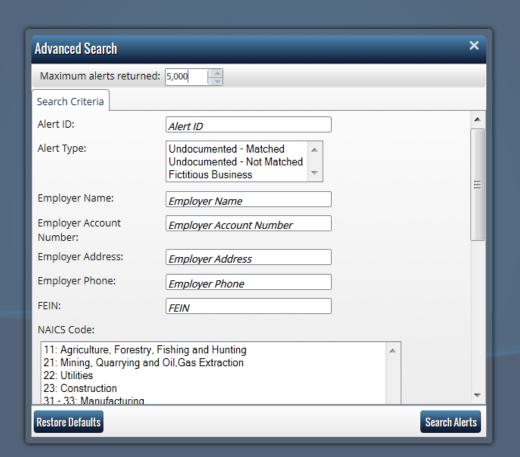
North Carolina Financial Accountability and Compliance Technology System

User ID:	
	Forgot your User ID? Click Here
Password:	
	Forgot your Password? Click Here
Submit	

Manage Your NCID

DISCLAIMER: BY ACCESSING NC FACTS, THE USER ACKNOWLEDGES AN UNDERSTANDING OF THE NC FACTS POLICY GOVERNING ACCESS, USE AND DISSEMINATION OF INFORMATION AND DATA AND AGREES TO COMPLY WITH THE POLICY AND TO BE SUBJECT TO ALL EMPLOYMENT, CIVIL AND/OR CRIMINAL PENALTIES FOR UNAUTHORIZED ACCESS, USE AND/OR DISSEMINATION OF NC FACTS INFORMATION AND/OR DATA.





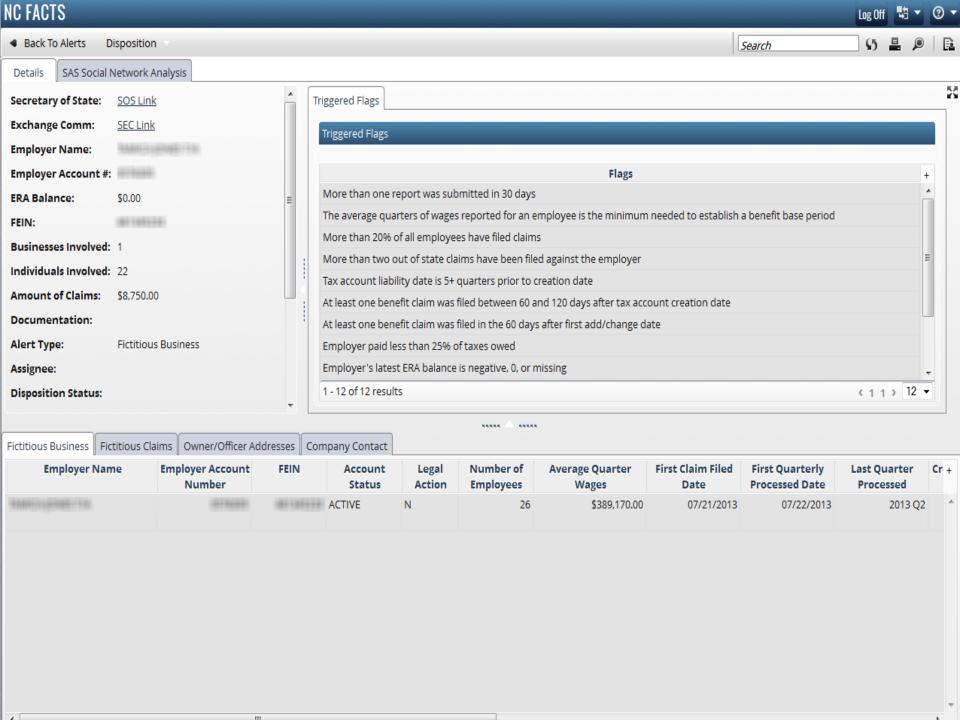
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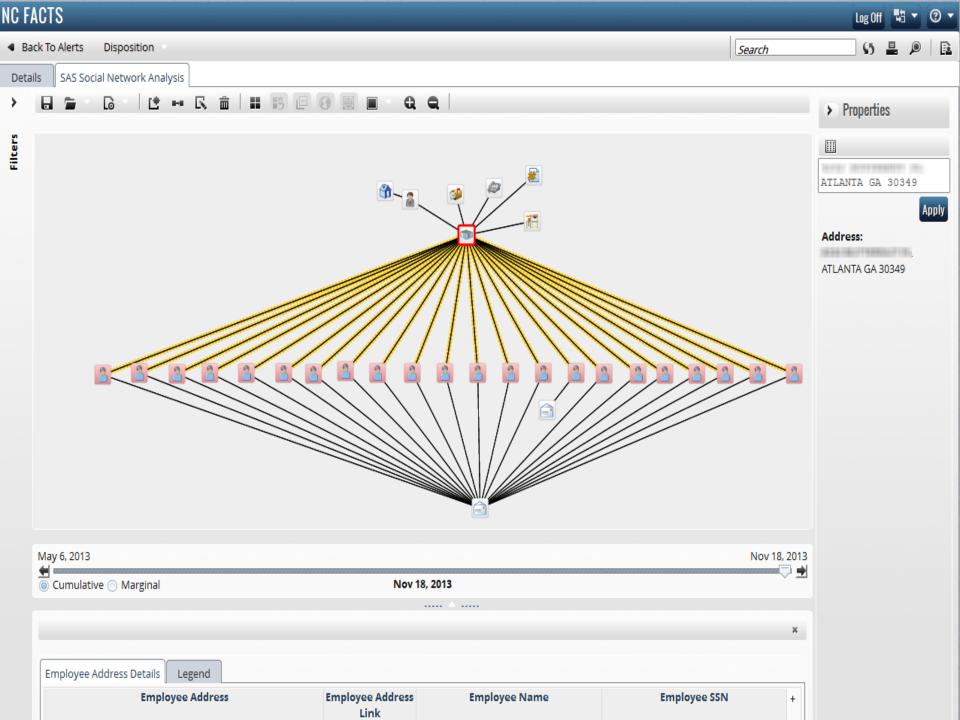
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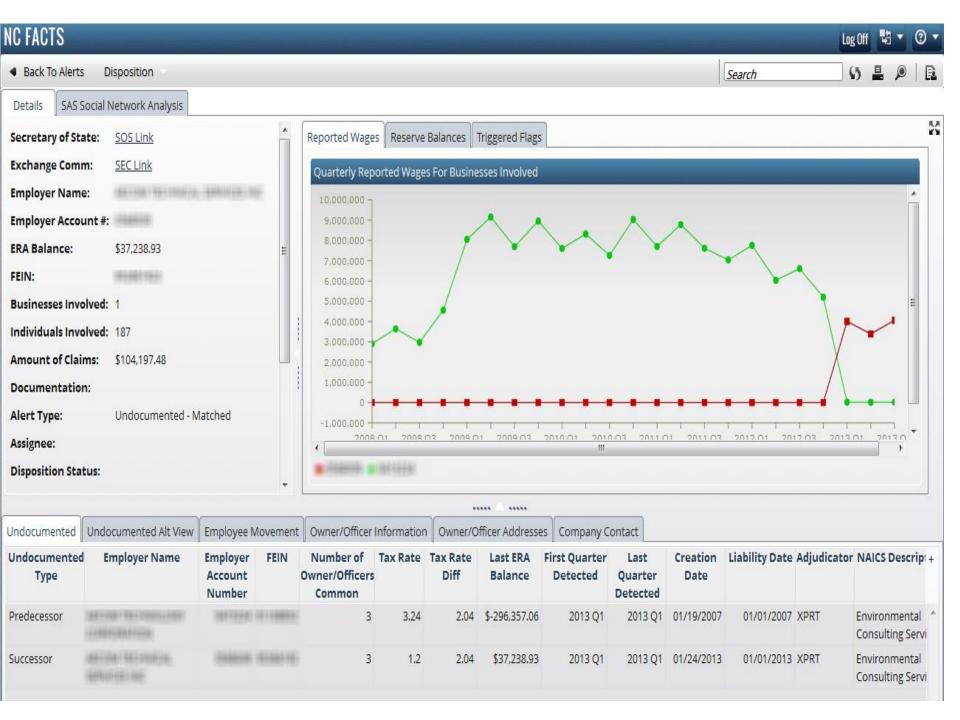
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01/07/2014	Assign	Snifemake	Historii	Operations Manager	Investigation Completed		please review and take action	
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GDAC Alert and Compliance Benefits

Unemployment Insurance Tax and Claims Alerts

- Identify fictitious business more quickly, potentially before any claims are paid
- Identify improper movement of employees in undocumented successions more quickly, minimizing the State's need to recover unpaid taxes
- Identify ineligible benefit claims more quickly, reducing erroneous benefit payments
- Prioritize cases for review and investigation, more effectively utilizing program integrity personnel
- Reduce the UI Trust Fund debt more quickly, improving the economic environment for business in North Carolina

Workers' Compensation Insurance Compliance Alerts

- Identify business failing to comply with workers' compensation insurance requirements due to no coverage or gaps in coverage from cancellations and non-renewals
- Prioritize cases for review and investigation, more effectively utilizing Compliance and Fraud Investigative personnel
- Reduce the number of uninsured workers and ensure a level competitive playing field for business in North Carolina



GDAC Reporting and Analytics

The **GDAC Reporting and Analytics** develops business related data analysis and reports to support program management, process efficiencies and oversight, and business decision making.

Objectives

- To provide easily accessible and understandable access to data
- To provide data analysis and reporting tools for business users
- To provide advanced analysis and ad hoc reporting

Status

- Procurement Card Analysis and Reports
- State Health Plan Analytics Repository



Procurement Card Reporting

Procurement Card (P-Card) program is administrated by the Department of Administration-Purchase and Contract Division (DOA P&C). The program:

- Provides rapid turnaround of requisitions for low dollar value products
- Allows individual purchases of \$2,500 or less without invoices for each charge

Objectives

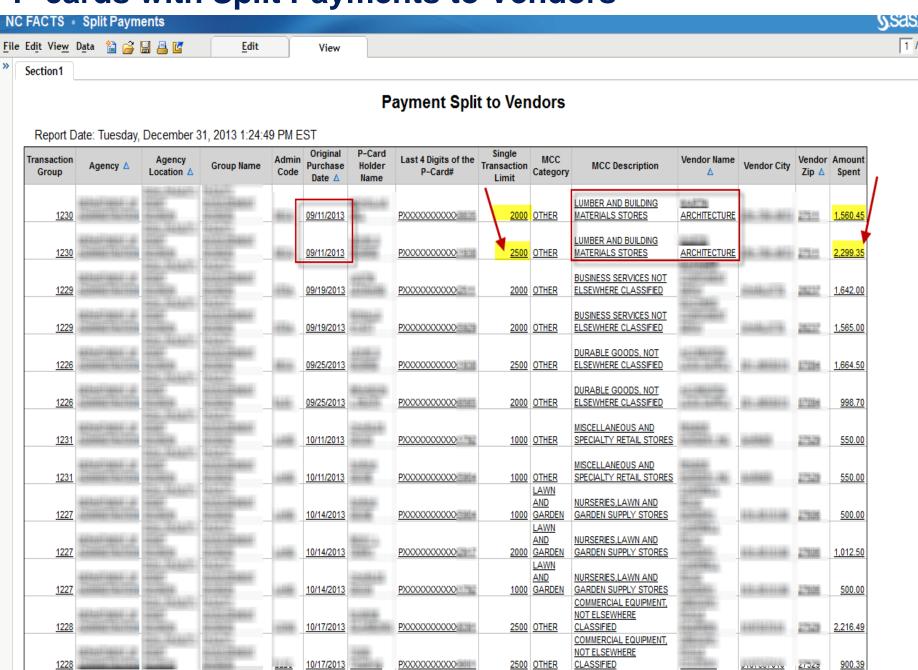
- To integrate data from Bank of America, NC Accounting System (NCAS) and BEACON to enhance information supporting the P-card reports
- To improve the efficiency and ability to analyze and monitor P-card transactions
- To provide report access to DOA P&C and agency P-card Administrators

Reports

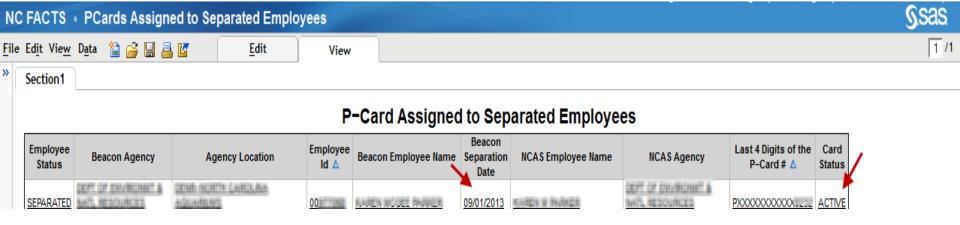
The GDAC has developed eight P-card reports to support the following administrative operations:

- Monitor spending patterns and identify unusual activity
- Verify P-card credit limits
- Monitor compliance with P-card policy
- Resolve P-card assignment issues
- Review summarized spending patterns
- Identify activity associated with lost or stolen P-cards

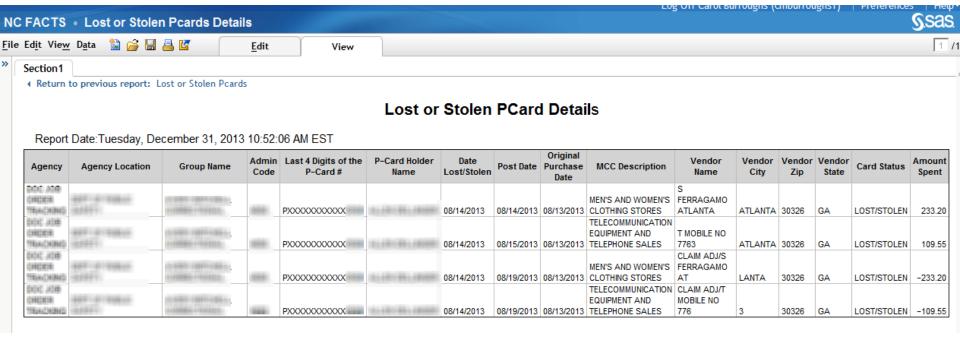
P-cards with Split Payments to Vendors



P-cards assigned to Separated Employees



Lost or Stolen P-cards with transactions





State Health Plan Analytics Repository

The State Health Plan of North Carolina (SHPNC) Analytics Repository provides program analysis and reporting to support management and oversight of SHPNC.

Objectives

- To resolve technical infrastructure and hosting issues impacting performance and usability of the existing reporting repository
- To reduce costs through consolidation of licensing, infrastructure and data storage
- To provide efficient, effective reporting capabilities to SHPNC





CJLEADS Background

The **Criminal Justice Law Enforcement Automated Data Services (CJLEADS)** program integrates data found in the state's various criminal justice applications to provide up-to-date criminal information in a centralized location via a secure connection for use by state and local government criminal justice professionals.

Objectives

- To provide a comprehensive view of an offender's statewide criminal information through a single web portal, allowing for identification with a photographic image
- To provide an "Offender Watch" capability to monitor offender status

Benefits

- Supports users including local, state, and federal criminal justice professionals with operational presence in North Carolina
- Provides up-to-date integrated criminal information in a centralized place via a secure connection
- Aids in making quicker and more effective decisions
- Improves the safety of criminal justice professionals and North Carolina citizens



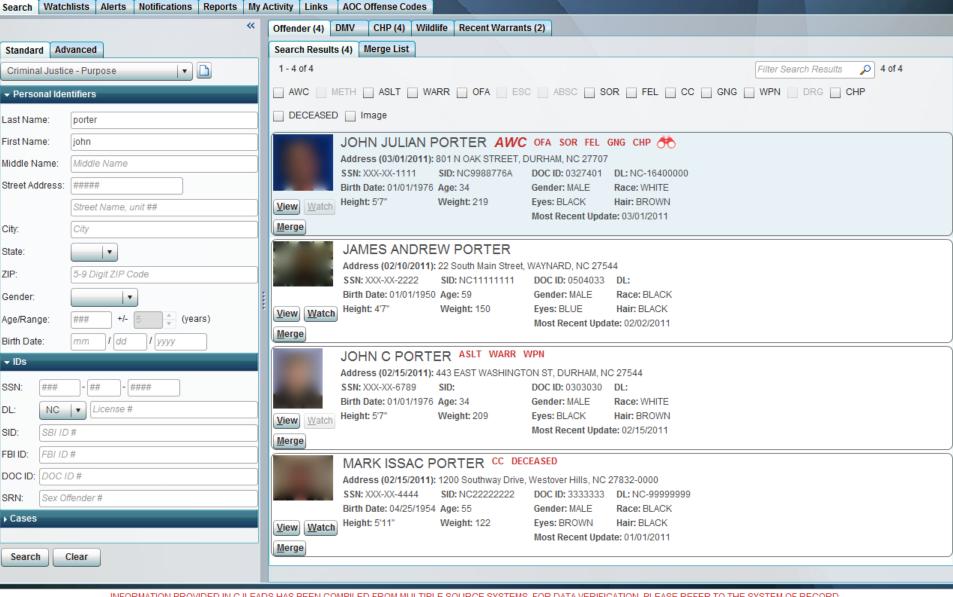
CJLEADS Data Sources

Batch data extracts

- AOC Criminal records
- DOC Prison and Probation/Parole records
- Jails (via Appriss) Jail Custody records
- DMV Vehicle Registration records (monthly)
- SOR Sex Offender Registration records
- CHP Concealed Handgun Permit records

Real time web services

- AOC –Statewide Warrants Repository
- DMV Drivers' License and Vehicle Registrations
- Wildlife License and Vessel Registrations



Your NCID password will expire in 83 days

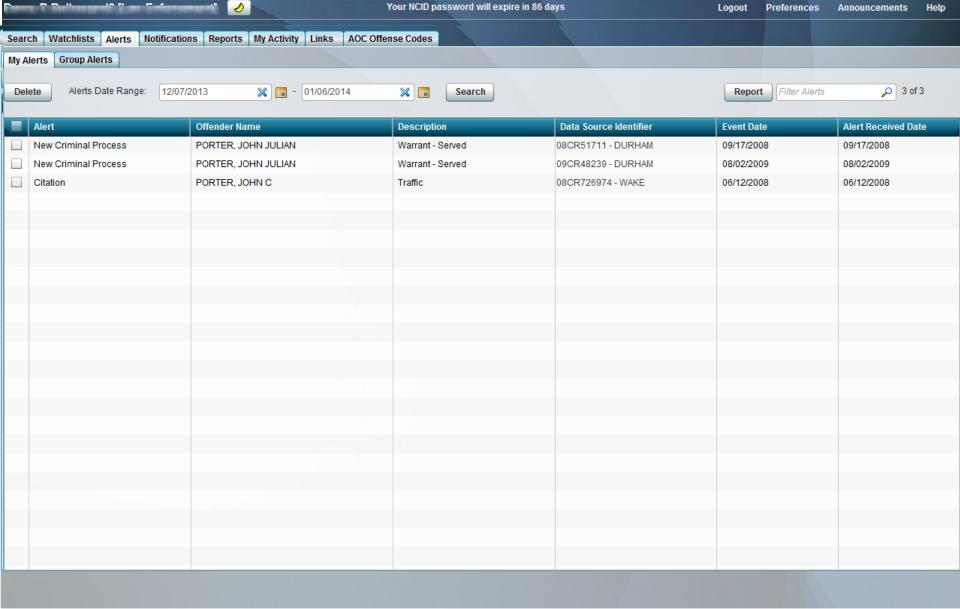
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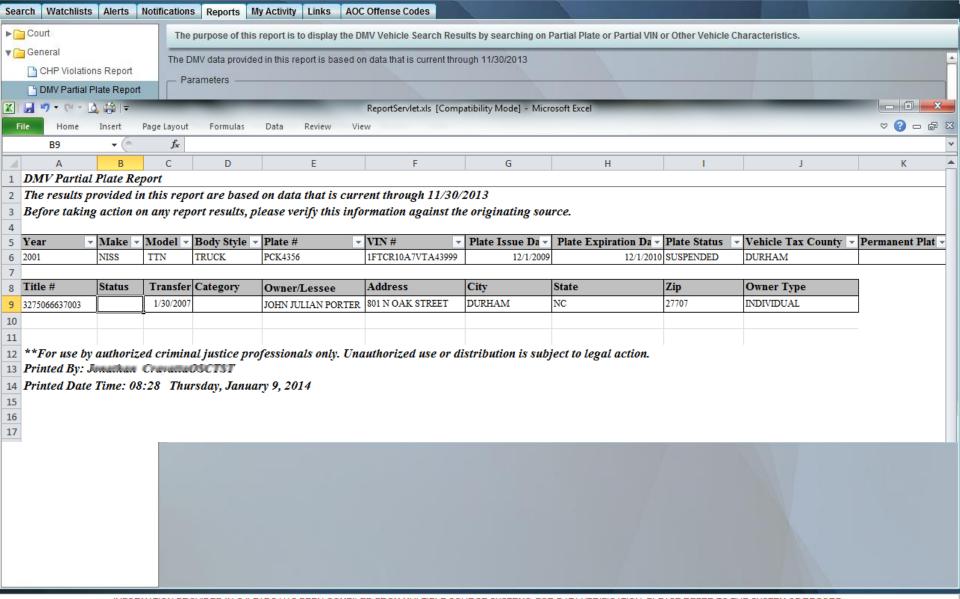
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Announcements

Help

Danny R Belloscord2 (Law Enforcement) - Pending Training



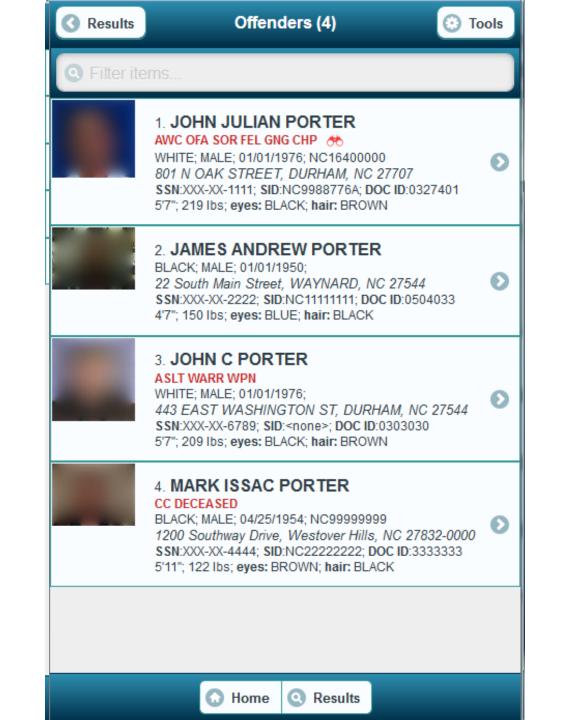


Your NCID password will expire in 86 days

Logout

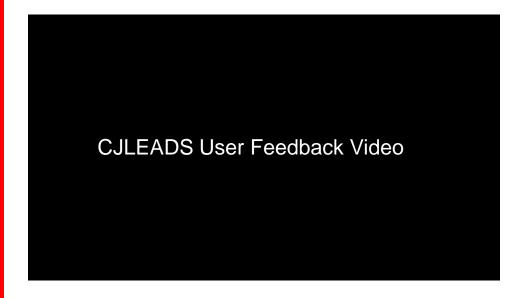
Preferences

Announcements





CJLEADS User Feedback





CJLEADS Initiative

- HB 937 created new legislative requirements related to Pistol Purchase Permit and the revocation requirements
- CJLEADS is working with the North Carolina Sheriffs' Association and the Sheriffs' offices to develop a Pistol Purchase Permit revocation report to support these requirements
- This module is due to be completed by the end of the month



GDAC Program Status

NC FACTS

- Support and enhance Unemployment Insurance Tax alerts
- Release Unemployment Insurance Claims alerts
- Release Phase 1 Workers' Compensation Insurance Compliance alerts
- Continue development of State Health Plan provider, claims, and pharmacy alerts
- Potential future initiatives
 - Department of Justice Medicaid Investigative Division
 - Department of State Treasurer Retirement Division

GDAC Reporting and Analytics

- Support statewide data repository, security and governance
- Release P-card Reports
- Support and enhance State Health Plan Analytics Repository
- Development of enterprise data registry
- Potential future initiatives
 - Division of Social Services Child Support Services
 - Department of Commerce Common Follow Up

CJLEADS

- Release 10 enhancements
- Deploy Pistol Permit Purchase Revocation reporting
- Support CJLEADS 24x7

Transfer to Office of the State CIO – July 2014



GDAC Program Budget

CJLEADS

- Annual Operating Cost \$7.5 million
- Appropriations \$6.5 million recurring

NC FACTS/GDAC

- Annual Operating Cost beginning FY 2014-2015 \$9.4 million
- Appropriations for FY 2014-2015
 - \$1.4 million recurring
 - \$3 million non-recurring